

WHAT IS CLAIMED IS:

1. A work vehicle provided with a tilt floor, wherein a hinge mechanism is provided on a front end of the tilt floor to enable to turn the tilt floor toward a front of a vehicle body, a rear of the tilt floor is formed to be higher than the front of the tilt floor so to cover a headroom of an engine disposed on a rear of the vehicle body, and an operator seat is disposed on a top surface at the rear of the tilt floor.
2. The work vehicle provided with a tilt floor according to Claim 1, wherein the tilt floor is provided with a torsion bar and a gas spring cylinder for assisting and controlling a force for tilting the tilt floor.
3. The work vehicle provided with a tilt floor according to Claim 1, wherein a canopy is disposed behind the tilt floor, the rear of the tilt floor is attached to a counterweight via a spacer which has tap holes on its top surface for mounting the canopy, tap holes on its bottom surface for mounting the counterweight and tilt floor supports at both ends.
4. The work vehicle provided with a tilt floor according to Claim 1, wherein lock means are disposed to engage a lock bar of a lock arm, which is supported to pivot by a vehicle body frame, with a lock groove of a lock plate fixed to the tilt floor so to hold the tilt floor in a state turned toward the front of the vehicle body, and double lock means are disposed to restrict a relative movement of the lock plate and the lock arm so to prevent the lock bar from falling off the lock groove.
5. The work vehicle provided with a tilt floor according to Claim 1, wherein a canopy is disposed behind the tilt floor, and the rear of the tilt floor is attached to a counterweight via a spacer on which the canopy is attached.

6. The work vehicle provided with a tilt floor according to Claim 1, wherein a canopy is disposed behind the tilt floor, the canopy is attached to a counterweight, and the rear of the tilt floor is attached to the canopy.

7. The work vehicle provided with a tilt floor according to Claim 1, wherein a canopy is disposed behind the tilt floor, and the canopy and the rear of the tilt floor are attached to a counterweight.

8. A hydraulic excavator provided with a tilt floor, comprising lock means and double lock means for holding the tilt floor in a tilted state.